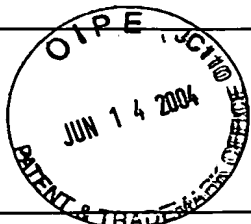


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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE  
STATEMENT**

Docket Number:  
12903/905

Application Number  
10/669, 278

Filing Date  
September 23, 2003

Examiner  
Not Yet Known

Art Unit  
1754

Invention  
**TREATMENT PROCESS FOR REMOVING  
RADIOACTIVE THORIUM FROM SOLVENT  
EXTRACTION LIQUID EFFLUENT**

Inventors  
**Sydney KOEGLER**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 35 U.S.C. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following reference, and the International Search Report citing it, to the attention of the Examiner. This reference is listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b).
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed.
3. Applicants' attorney certifies that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of information disclosure statement.

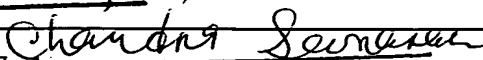
Dated: 6/10/04

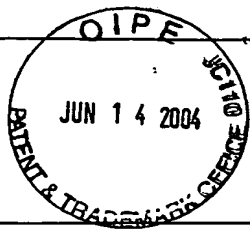
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Signature:   
Chandna Sarmah



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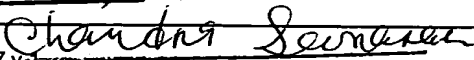
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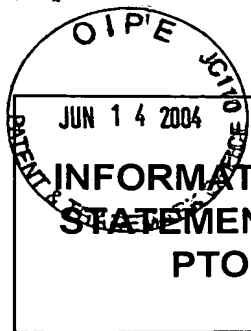
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
PTO FORM 1449**

Atty. Docket No.  
12903/905

Serial No.  
10/669,278

Applicant(s)  
Sydney KOEGLER

Filing Date  
September 23, 2003

Group  
1754

**U. S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	2,894,827	14 July 1959	Earl K. HYDE et al.			
	2,898,185	4 August 1959	George E. BOYD et al.			
	5,854,968	29 December 1998	Philip E. HORWITZ et al.			

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
✓	2 144 111 A	27 February 1995	United Kingdom				
✓	0 527 096 A2	10 February 1993	EPO				
✓	0 527 096 A3	10 February 1993	EPO				

**OTHER DOCUMENTS**

EXAMINER'S INITIALS		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
✓		Alhassanieh, O., et al., "Separation of Th, U, Pa, Ra and Ac from Natural Uranium and Thorium Series", Applied Radiation and Isotopes, 51 (1999) 493-498.
✓		Crespi, Caramella V., et al., "Separation of Traces of Thorium from Large Amounts of Uranium, by Adsorption on Lanthanum-Ammonium Oxalate", Applied Radiation and Isotopes, 51 (1999) 353-357.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	